CABLE PLAN LEGEND EXISTING PROPOSED 8" (200mm) TRAFFIC SIGNAL SECTION G ® R 12" (300mm) TRAFFIC SIGNAL SECTION 12" (300mm) PEDESTRIAN SIGNAL SECTION W 12" (300mm) PEDESTRIAN SIGNAL SECTION \boxtimes CONTROLLER CABINET -0-SERVICE INSTALLATION T ſΞ TELEPHONE CONNECTION MAGNETIC DETECTOR EMERGENCY VEHICLE LIGHT DETECTOR ∝ CONFIRMATION BEACON PUSHBUTTON DETECTOR VEHICLE DETECTOR, INDUCTION LOOP DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. Ø 2 ALL LOOOP DETECTOR CABLE TO BE SHIELDED. MICROWAVE VEHICLE SENSOR SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD

R Y G Y + G

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(f)

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24)

RAILROAD CONTROL CABINET

ILLUMINATED SIGN

ILLUMINATED SIGN

GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).

GROUND ROD AT POST (P), OR MAST ARM POLE (MA).

GROUND ROD AT ELECTRIC SERVICE INSTALLATION

GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)

FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F

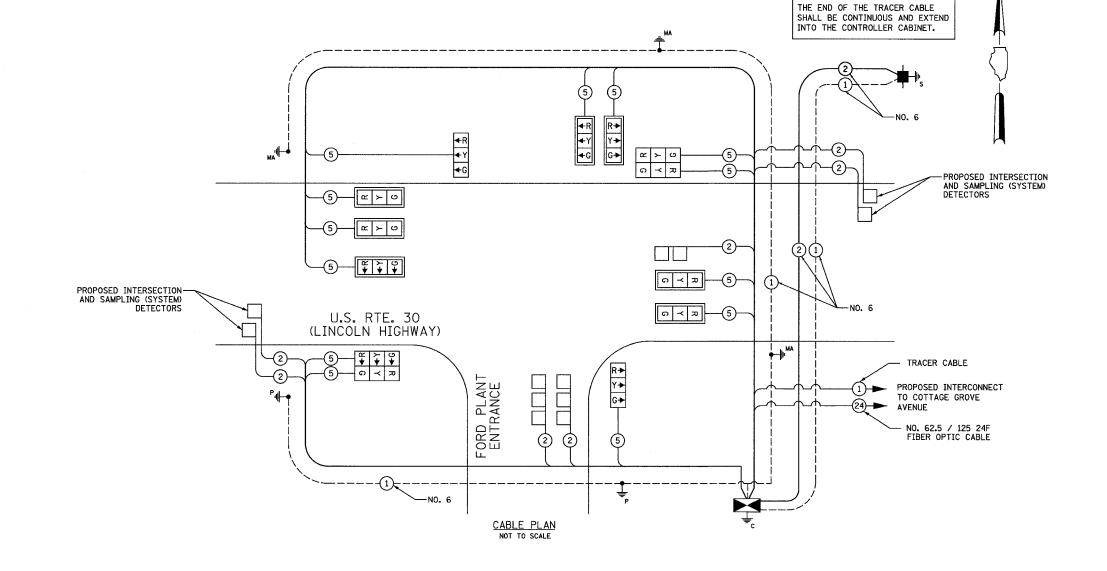
"E"

"E"

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ELE	TOTAL WATTAGE					
TYPE	NO. LAMPS	WAT	TAGE LED	OPERATION	WATTAGE	
SIGNAL (RED)	13	135	17	0.50	111	
(YELLOW)	13	135	25	0.25	81	
(GREEN)	13	135	15	0.25	49	
ARROW		135	12	0.10		
PED SIGNAL		90	25	1.00		
CONTROLLER		100	100	1.00	100	
ILLUM. SIGN		84		0.05		
	 					
FLASHER				0.50		
				TOTAL =	341	

NOTE: THE EXISTING SERVICE INSTALLATION IS LOCATED ON FORD MOTOR COMPANY PROPERTY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE DISCONNECTION AND/OR REMOVAL OF THE EXISTING SERVICE INSTALLATION WITH FORD MOTOR COMPANY.

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 W. CENTER CT. SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: PHIL GASTON PHONE: (708) 235-2338 COMPANY: COMMONWEALTH EDISON

	FOUNDATION (DEPTH)	FT.	(m)	CABLE SLACK	FT.	(m)	VERTICAL	FT.	(m)
	TYPE A - POST	4	(1.2)	HANDHOLE	6.5	(2.0)	ALL FOUNDATIONS	3.5	(2.0)
	D- CONTROLLER	4	(1.2)	DOUBLE HANDHOLE	13	(4.0)	MAST ARM (L) POLE	20'+1	2=
	E- M. ARM POLE	E- M. ARM POLE		SIGNAL POST	2	(1.0)		(6m+L-0.6m)=	
	24" (600mm)	01	(3.0)	CONTROLLER CAB.	1	(0.5)	BRACKET MOUNTED	13	(4.0)
	30" (750mm)	15	(4.6)	FIBER OPTIC	13	(4.0)	PED. PUSHBUTTON	4	(1.2)
				ELECTRIC SERVICE	1	(0.5)	ELECTRIC SERVICE	13.5	(4.1)
-				GROUND CABLE	ĺ	(0.5)	SERVICE TO GROUND	13.5	(4.1)
							POST MOUNTED	6	(1.8)

ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SIGNAL CABLE PLAN U.S. RTE. 30 (LINCOLN HWY.) & FORD PLANT ENTRANCE

DRAWN BY: BRD DESIGNED BY: BRD CHECKED BY: JJE/KMN SCALE: NONE DATE: 3/10/06

| F.A.P. | SECTION | COUNTY | TOTAL SHEETS | NO. | 353 | 2005-004 | TS | COOK | 20 | 10 |

STA. 210+93 TO STA. 255+93

CONTRACT NO. 62908

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT